

This is a RED Stamp

**ROCKY FLATS PLANT
EMD OPERATING
PROCEDURES MANUAL**

Manual No.: 5-21000-OPS-FO
Procedure No.: Table of Contents, Rev 45
Page: 1 of 4
Effective Date: 03/18/93
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:

**VOLUME I: FIELD OPERATIONS (FO)
VOLUME II: GROUNDWATER (GW)
VOLUME III: GEOTECHNICAL (GT)
VOLUME IV: SURFACE WATER (SW)
VOLUME V: ECOLOGY (EE)
VOLUME VI: AIR (AP)**

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FOR VOLUME I: FIELD OPERATIONS**

Procedure No.	Title	Rev. No.	Effective Date
FO.01	Air Monitoring and Dust Control	2	05/12/92
FO.02	Transmittal of Field QA Records	3	05/22/92
FO.03	General Equipment Decontamination	2	05/12/92
DCN 92.01	EXPIRED (Clarification of Decontamination)	2	Expired
DCN 92.02	Update to Clarification of Decontamination	2	12/12/92
DCN 93.01	CPT Rods	2	02/16/93
FO.04	Heavy Equipment Decontamination	2	05/12/92
DCN 92.01	Expired	1	Expired
DCN 92.02	Expired	1	Expired
DCN 92.03	Consistency Change	1	09/18/92
DCN 92.04	Update to Clarification of Decontamination	2	12/17/92
FO.05	Handling of Purge and Development Water	2	05/12/92
FO.06	Handling of Personal Protective Equipment	2	05/12/92
DCN 92.01	Monitoring Change	2	09/18/92
DCN 93.01	Plastic Bagging Modification	2	02/17/93

ADMIN RECORD

**DOCUMENT CLASSIFICATION REVIEW WAIVER
PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991**

A-SW-000559

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Procedure No.	Title	Rev. No.	Effective Date
FO.07	Handling of Decontamination Water and Wash Water	2	05/12/92
DCN 92.01	Consistency Change	2	09/18/92
FO.08	Handling of Drilling Fluids and Cuttings	2	05/12/92
DCN 92.04	EXPIRED (Clarification of Drill Cuttings)	2	Expired
DCN 92.05	EXPIRED (Handling of Drilling Fluids and Cuttings)	2	Expired
DCN 92.06	Clarification of Responsibility	2	09/09/92
DCN 92.07	Elimination of Drilling Requirements on Earthen Dams	2	09/10/92
DCN 92.08	Consistency Change	2	09/18/92
DCN 92.09	Clarification of Augering Technique for OU-6	2	10/28/92
DCN 92.10	Improve Tracking of Samples	2	12/07/92
FO.09	Handling of Residual Samples	2	05/12/92
FO.10	Receiving, Labeling, and Handling Environmental Materials Containers	2	05/12/92
DCN 92.03	EXPIRED (Replaced by DCN 93.01 dated 2/10/93)	2	Expired
DCN 92.04	EXPIRED (Decrease in Weekly Inspections of Gray Drums)	3	Expired
DCN 92.05	Requirement Reduction	2	09/16/92
DCN 92.06	Improve Accountability	2	10/15/92
DCN 92.07	Expired	2	Expired
DCN 92.08	Drum Log F or M Change	2	12/03/92
DCN 93.01	Clarification on Drums (REPLACES DCN 92.03)	2	02/10/93
*DCN 93.02	Renewal (DCN 92.07)	2	03/17/93
FO.11	Field Communications	2	05/12/92
FO.12	Decontamination Facility Operations	2	05/12/92

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Procedure No.	Title	Rev. No.	Effective Date
FO.13	Containerization, Preserving, Handling and Shipping of Soil and Water Samples	2	05/12/92
DCN 92.01	Chain of Custody	2	07/27/92
DCN 92.02	Improve Tracking of Samples	2	12/08/93
DCN 93.01	Chain of Custody Record	2	02/10/93
FO.14	Field Data Management	2	05/12/92
DCN 92.01	EXPIRED (Update Bottle Codes and Lab Codes to Current Status)	2	Expired
DCN 92.02	Clarification of Biological Locations (07/08/92- Extended)	2	11/20/92
DCN 92.03	Changes in Procedures (07/08/92 - Extended)	2	11/20/92
DCN 92.04	Expired	2	Expired
DCN 92.05	Update QA/QC Code List	2	09/28/92
DCN 92.06	Clarify Description	2	09/28/92
DCN 92.07	Update Bottle Code List	2	09/28/92
DCN 92.08	Add Sub-Contractor Abbreviations	2	10/14/92
DCN 92.09	Major Form Revision	2	11/03/92
DCN 92.10	Elimination of Non-Required Section	2	11/10/92
DCN 92.11	Update Bottle Code & Lab Codes to Current Status	2	12/09/92
DCN 93.01	New Codes	2	01/15/93
DCN 93.02	New Samplers and New Media	2	01/15/93
DCN 93.03	Field Data for RFEDS	2	02/10/93
*DCN 93.04	RFEDS Back-up	2	03/18/93
FO.15	Photoionization Detectors (PIDs) and Flame Ionization Detectors (FIDs)	2	05/12/92
FO.16	Field Radiological Measurements	2	05/12/92
DCN 92.04	EXPIRED (Seismic Lines)	1	Expired
DCN 92.05	Addition of HPGe	2	11/24/92
DCN 93.01	FIDLER Surveys	2	01/15/93
FO.17	Determining Out-Of-Specification Analytical Results for Environmental Samples		To Be Added

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FO.18	Environmental Sample Radioactivity Content Screening	1	05/12/92
DCN 93.01	Clarification of Procedure	1	01/11/93
FO.19	Base Laboratory Work	2	05/12/92

Title Receiving, Labeling, and Handling Environmental Materials Containers	Date 3-17-93 SERD	DCN Number 93.02 SERD
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Expires 3-17-94 SERD Procedure Revision Required ☒ Yes ☐ No

Scope Limitation: None

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for additional space)
1	18	8.2, para. 1	<p>Insert the following after the first sentence:</p> <p>If, however, the project has been completed and all drum field log forms and waste characterization forms have been turned in and accepted by the appropriate EG&G representative, the drum inspections will be conducted on a once-a-month basis by EG&G (reference: CDH letter of 9/11/92).</p> <p>(NOTE: this DCN is a renewal of DCN 92.07, which expired 1/18/93)</p> <p style="text-align: center;">DOCUMENT CLASSIFICATION REVIEW WAIVER PER R.B. HOFFMAN, CLASSIFICATION OFFICE JUNE 11, 1991</p>

Justification (Reason for change - Provide numbers to reference corresponding items above.)

#1: Reference CDH letter of 9/11/92: "Grey drums that are filled outside an IHSS or PAC will be left at the drilling locations pending characterization. Since these drums are assumed to be non-hazardous materials, weekly inspections are not required."

Concurrence	Organization	Req.	Date	Concurrence	Organization	Req.	Date
<i>[Signature]</i>	QAPM	X	3/16/93	<i>E. A. [Signature]</i>	User		2/12/93
				<i>D. Sinke</i>	EOS	X	1/15/93
				<i>A. [Signature]</i>	USER	X	3/4/93

Approval of Responsible Manager <i>M. P. Broussard</i>	Date 3/2/93	Is Posting required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, by what date? upon receipt	Date posted
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**ENVIRONMENTAL MANAGEMENT
 DOCUMENT CHANGE NOTICE (DCN)**

Procedure Number 5-21000-OPS-FD.14, Rev. 2
 MCB 3-1-93

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Title Field Data Management	Date 1-19-93 3-17-93 SERO	DCN Number 93.04 SERO
Expires <u>3-17-94 SERO</u>		
Procedure Revision Required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Scope Limitation: <u>None</u>		

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Spaces)
1	10 of 13	Section 5.7 paragraph (2)	The sentence "At the end of each week...RFEDs Field Module will be backed up onto tape." The end of the sentence should be changed to "backed up onto tape or 3 1/2-inch double sided, high density diskettes."
	11 of 13	Section 5.7 paragraph (4)	Replace "The computer will be backed up weekly, using a tape drive..." with; "using a taped drive or 3 1/2 diskette...". Replace "At least four weeks of backups...and the tapes..." with; "and the tapes or 3 1/2-inch diskettes..."
<p align="center">DOCUMENT CLASSIFICATION REVIEW WAIVER PER R.B. HOFFMAN, CLASSIFICATION OFFICE JUNE 11, 1991</p>			

Justification (Reason for Change-Provide Numbers to Reference Corresponding Items Above)
 3 1/2-inch diskettes should be equivalent to computer tape for archiving, and diskettes are more available.

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
RTG	Solar Ponds		2/12/93	Dennis Smith	EQS	X	2/17/93
MC. Brumfield	EOM	X	3/2/93	R. L. L. L.	RFEDS	X	2-19-93
DeMure	QAPM	X	3/16/93	M. L. Brumfield	EQS	X	3-1-93
Approval of Responsible Manager [Signature]				Date <u>2-19-93</u> Is Posting Req'd? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, By What Date? <u>upon receipt</u> Date Posted			